



## **BERNIER CONSTRUCTION, INCORPORATED PROJECT SUMMARY**

**Project Title:** Gobbler Knob South Abandoned Mine Reclamation Project

**Location:** Huston Township, Clearfield County, Pennsylvania

**Scope:** Provide labor, materials, equipment, and supervision to reclaim an existing pug mill/staging area from the Bark Camp Demonstration Project site area

Berner Construction was awarded a contract from PA Department of Environmental Protection to reclaim processed dredge material (PDM) from the Bark Camp Demonstration Project site. The work consisted of preparing the required permitting, including an Erosion and Sediment Control Plan and a Stream Encroachment Permit for PADEP approval and subsequent implementation. The project also included clearing and grubbing, backfilling 800 linear feet of highwall, channel construction to re-establish existing Bark Camp Run, removal and disposal of existing 60" corrugated metal culvert pipe and metal structure on the existing clarifier, and site restoration.



**Initial Site Conditions**



**Grading and Constructing the Swale**

Approximately 92,500 cubic yards of PDM that was previously disposed at the demonstration project site were used to backfill and grade the highwall. Berner used a combination of off-road articulated dump trucks, excavators, a heavy bulldozer (D11), and wide track bulldozer (D6) to relocate the PDM up the 600 foot slope to the backfill area and to regrade the site to the design elevations. During the project, approximately 1000 feet of 60-inch corrugated pipe was removed and replaced with non-calcareous R-4 rock obtained from a local sandstone quarry.

The project also included the installation of 1,145 square yard of rock lined channels, construction of brush piles for small animal habitat, and the installation of permanent storm water diversion swales. The final site restoration included seeding, fertilizing, and mulching 10 acres of restored area.



**Final Restoration**